

DEC 16 2002

JOMED Inc.
August 2002

JoWire PTCA Guide Wires
Traditional 510(k)

510K) Summary of Safety and Effectiveness

Date Prepared: August 19, 2002

Submitted by: JOMED Inc.

Contact Person: Terry Schultz
Regulatory Affairs Manager

Phone Number: (858) 673-0189 Ext 286

Fax Number: (858) 673-3837

Device Trade Name: JoWire Neo's PTCA Guide Wire

Classification Name: Catheter guide wire (21 CFR 870.1330)

Predicate Device: Hi Torque Floppy® Guide Wire (K974773)
Hi Torque Cross IT™ Guide Wire (K990639)

Device Description:

The JoWire Neo's PTCA Guide Wires are steerable guide wires with a maximum diameter of 0.014" and available in a 180 cm length. The extension wire is connected to the end of the guide wire outside the body. The wire is constructed from a stainless steel core wire with varying core lengths and diameters for each design. The core wire and coil are soldered. The distal end of the guide wire has a radiopaque tip that is available straight and is made soft to easily bend with the vessel curve. The coating (hydrophilic or silicone) is applied to the distal portion of the wire guide wire. The proximal section of the guide wire is coated with PTFE.

Intended Use:

The JoWire Neo's PTCA Guide Wires are intended to facilitate the placement of balloon dilatation catheter during percutaneous transluminal coronary angioplasty (PTCA) and percutaneous transluminal angioplasty (PTA). The JoWire Neo's Guide Wires are not to be used in the cerebral blood vessel.

Device Technological Characteristics and Comparison to Predicate Device:

The JoWire Neo's PTCA Guide Wires are made of similar materials, are available in similar diameters and lengths, have a similar design, and the same indications for use as the predicate devices and other currently marketed PTCA Guide Wires.

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Performance Data:

Bench and biocompatibility testing were conducted according to the recommendations from relevant FDA guidance to demonstrate that the JoWire Neo's Guide Wires met the acceptance criteria and performed similarly to the predicate devices. No new safety or effectiveness issues were raised during the testing.

Conclusion:

The JoWire Neo's PTCA Guide Wires are substantially equivalent to the claimed predicate devices and other currently marketed PTCA Guide Wires.

K022762
Premarket Notification [510(k)] Number



DEC 16 2002

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

JOMED Inc.
Ms. Terry Schultz
Regulatory Affairs Manager
15330 Avenue of Science, Suite 200
San Diego, CA 92128

Re: K022762
Trade Name: JoWire Neo's PTCA Guide Wire
Regulation Number: 21 CFR 870.1330
Regulation Name: Catheter guide wire
Regulatory Class: Class II
Product Code: DQX
Dated: December 3, 2002
Received: December 4, 2002

Dear Ms. Schultz:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

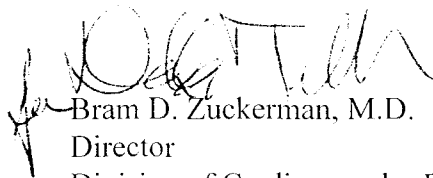
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set

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forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market. If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4646. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Bram D. Zuckerman", is written over a horizontal line.

Bram D. Zuckerman, M.D.
Director
Division of Cardiovascular Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

JOMED Inc.
August 2002

JoWire PTCA Guide Wires
Traditional 510(k)

510(k) Number (if known): K022762

Device Name: JoWire Neo's PTCA Guide Wires

Indications for Use:

To facilitate the placement of balloon dilatation catheters during percutaneous transluminal coronary angioplasty (PTCA) and percutaneous transluminal angioplasty (PTA). The JoWire Neo's Guide Wires are not to be used in the cerebral blood vessel.


(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF
NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

~~Prescription~~
~~Use~~
(Per 21 CFR 801.19)

OR

Over-the Counter
Use _____


(Division Sign-Off)
Division of Cardiovascular Devices

510(k) Number K022762